MOTOROLA

TWO-WAY RADIOS

GP360

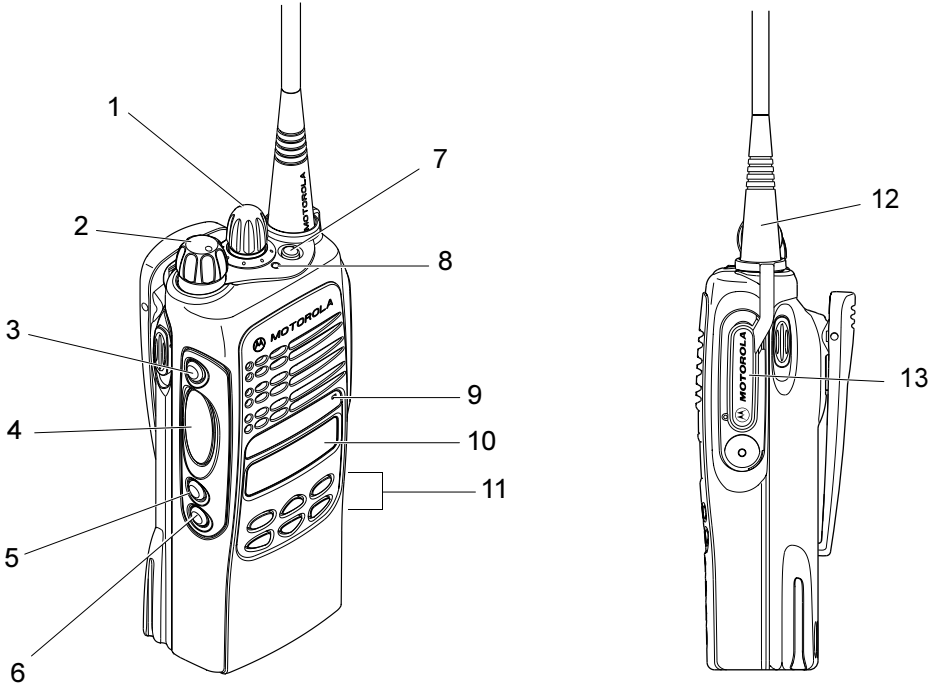
Portable Radio

contact

control

Basic User Guide

Professional Radio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BASIC USER GUIDE

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GENERAL INFORMATION

This user guide covers the basic operation of the GP360 Portable Radio. Please consult your dealer for further, more detailed information which is contained in a full feature user guide 6864110B26_.

Caution

Before using this product, read the operating instructions for safe usage contained in the Product Safety and RF Exposure booklet 6864117B25_ enclosed with your radio.

ATTENTION!

This radio is restricted to occupational use only to satisfy ICNIRP RF energy exposure requirements. Before using this product, read the RF energy awareness information and operating instructions in the Product Safety and RF Exposure booklet (Motorola Publication part number 6864117B25_) to ensure compliance with RF energy exposure limits.

OPERATION AND CONTROL FUNCTIONS

Radio Controls

The numbers below refer to the illustrations on the inside front cover.

1. Rotary Knob
Used as a channel selector and for multi-function scrolling.

2. On-Off / Volume Knob
Used to turn the radio on or off, and to adjust the radio's volume.

3. Side Button 1 (programmable)
Recommended for Monitor/Cancel Button.

4. Push to Talk Button (PTT)
Press and hold down this button to talk, release it to listen.

5. Side Button 2 (programmable)

6. Side Button 3 (programmable)

7. Top Button (programmable)
Recommended as Emergency button.

8. LED Indicator
Green: *Successful power up.*
Green Flashing: *Radio scanning.*
Red: *Radio transmitting.*
Red Flashing: *Channel busy - when receiving.*
Yellow: *Radio called.*
Yellow Flashing: *Radio call reminder alert.*
Red Flashing: *Low battery warning - when transmitting.*

9. Microphone

10. LCD Display (1 Line)

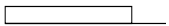
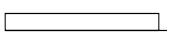
11. Menu Keys

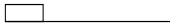
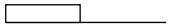
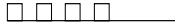
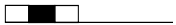
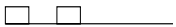
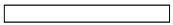
12. Antenna

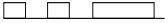
13. Accessory Connector
Connects headsets, remote speaker/microphones and other accessories. Replace attached dust cap when not in use.

Audio Signal Tones

High pitched tone □ Low pitched tone ■

Tone	Signal	Description
Power up OK		Radio self-test OK.
Power up Fail		Radio self-test fail.
Button/ Keypad Error		Button/menu key press not permitted.
Engaged		Channel busy or not permitted to transmit.
Call Failed		Call failed to connect.
Force Monitor		Radio must monitor channel before transmission permitted.
Button Feature Enable		Any option button pressed to enable a feature.
Button Feature Disable		Any option button pressed to disable a feature.
Group Call		Radio receives a Group Call.
Individual Call		Radio receives an Individual Call.

Tone	Signal	Description
Call Reminder		Reminder of unanswered call.
TOT Pre-Alert		Warns of expiry of time out timer.
Monitor Alert		Alerts to change of squelch.
Voice Storage		Voice Storage-Recording.
Voice Storage		Voice Storage-Warning.
Voice Storage		Voice Storage-Full.
Scan Start		Radio starts scanning.
Scan Stop		Radio stops scanning.
Priority Call Decode		Radio detects a priority call.
Priority Channel		Radio landed on the priority channel.
Lone Worker		Reminds lone worker to respond.
Low Battery		Battery below receive threshold level.

Tone	Signal	Description
Hardware Error		Hardware error, tone continues until valid operation.
Cancel Message		Previous message or message currently being played from Voice Storage has been deleted.
Channel Free Beep		Indicates current channel is free.
Incoming Emergency Alert		Indicates an emergency situation.
Keypad Acknowledge		Confidence tone when any key pressed.
Ringtones	English/French/ General	Incoming calls (high tones), outgoing calls (low tones).

Programmable Buttons

Several of your radio's keys and buttons can be programmed by your dealer as short-cut buttons for many of the radio's features. Programmable buttons include:

- The top button, side buttons 1, 2 and 3.

Check with your dealer for a complete list of the functions your radio supports.

On your radio there is a keypad lock feature which allows you to lock the menu keys to eliminate accidental key presses.

Press the keypad lock button to lock the keys, the display icon ⊘ will be lit and the display will show:

Lock Keypad

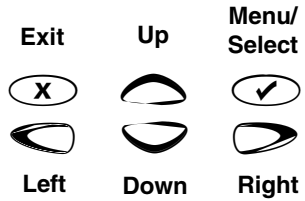
After 2 seconds the radio returns to the IDLE state.

Press the keypad lock button again to unlock the keys when the icon will be extinguished and the display will show:

Unlock Keypad

The radio will then return to the IDLE state.

Menu Keys



Menu/Select Key ✓
Used to enter the Menu Mode. When you are in the Menu Mode, this key is also used to make menu selections.

Exit Key X
Used to move up to the next higher Menu level. When the top level menu is selected this key is used to exit the Menu Mode.

Up Key
Used for scrolling when in Menu Mode.

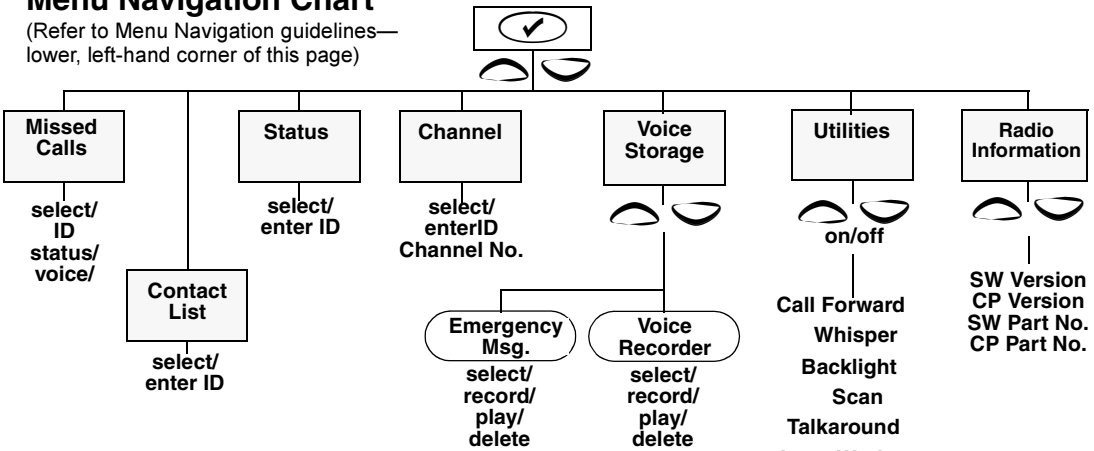
Down Key
Used for scrolling when in Menu Mode.

Right Key
Used as More key to provide additional information.

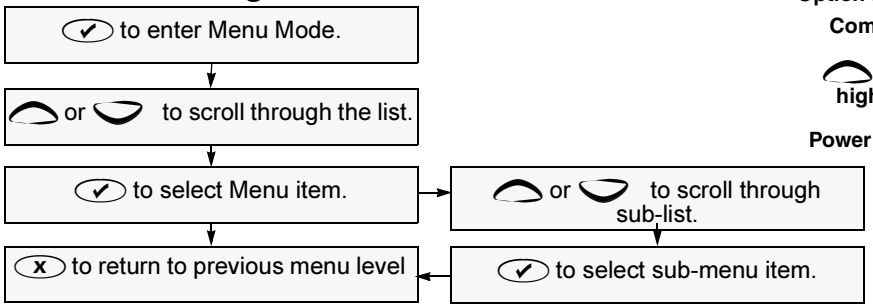
Left Key
Used as a backspace key when editing.

Menu Navigation Chart

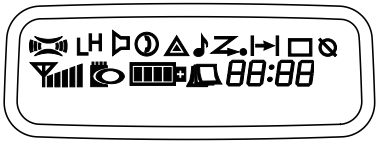
(Refer to Menu Navigation guidelines—lower, left-hand corner of this page)



Menu Navigation


to enter Menu Mode.
or to scroll through the list.
to select Menu item.
or to scroll through sub-list.
to return to previous menu level
to select sub-menu item.

LCD Display and Icons



Displays channel, menu, and radio status information. The top two screen rows show radio status indicator symbols, explained in the table below:

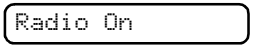
Symbol	Name and Description
	XPAND™ Indicator Indicates that you have activated the companding feature.
LH	**Power Level Indicator** **L** lights when your radio is configured to transmit in Low Power. **H** lights when your radio is configured to transmit in High Power.
	Monitor Indicator On indicates carrier squelch. Off indicates signalling squelch.
	Voice Recorder Indicator Indicates that there are stored messages or memos in the voice recorder.
	Scan Indicator Indicates that you are scanning. The dot is lit during priority scan mode.
	Keypad Lock Indicator On indicates that the menu keys are locked. Off indicates unlocked.
	Option Board Indicator Indicates that an option board is activated.
	Battery Level Indicator Shows the remaining charge in your battery, based on how many bars are displayed. Flashing, indicates flat battery.
	Missed Call Indicator On indicates call in list. Off indicates no calls in list. Flashing, indicates new call in list.
	Talkaround Indicator Indicates talkaround enabled.
88:88	**Timer** Shows the call time.

GETTING STARTED

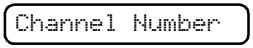
Radio On-Off/Volume Control

To turn the radio on, turn the On-Off/Volume Control knob clockwise. To turn the radio off, turn the On-Off/Volume Control knob counterclockwise until you hear a click.

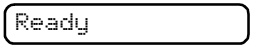
At power up the radio will display a message customised by your dealer,:



After this text has been displayed, the radio perform a self test routine. On completion of a successful self test the radio will display:



This may be a number or an alias and will be the channel currently selected by the rotary channel selector. Alternatively, if required the radio may display a message customised by your dealer. e.g.



Selecting a Radio Channel

Turn the channel selector rotary knob clockwise or counterclockwise until you reach the desired channel indicated on the display.

Sending a Call

1. Select the desired channel.
2. Press the **PTT** button and speak clearly into the microphone.
   Your mouth should be 2.5 to 5 cm away from the microphone.
3. Release the **PTT** button when you finish speaking.

Note: The system may have a limited call time and the call may be terminated automatically if this call time is exceeded.

Receiving a Call

1. Turn your radio on and adjust the volume level.
2. Switch to the desired channel.
3. If, at any time, a call is received you will hear the call at the volume level you have set.

Cancelling/Ending a Call

To terminate a call at any time press the Monitor/ Call Cancel button. Always end a call by pressing the Monitor/Call Cancel button.

BATTERY INFORMATION

Battery Care and Tips

This product is powered by a nickel-cadmium (Ni-Cd), nickel-metal-hydride (NiMH), or lithium-ion rechargeable battery.

The following battery tips will help you obtain the highest performance and longest cycle life from your Motorola rechargeable battery.

- Charge your new battery overnight (**14-16 hrs**) before using it to obtain maximum battery capacity and performance.
- Charging in non-Motorola equipment may lead to battery damage and void the battery warranty.
- When charging a battery that is attached to the radio, turn the radio off to ensure a full charge.
- The battery should be at about 25°C/77°F (room temperature) whenever possible. Charging a cold battery (below 10°C/50° F) may result in leakage of electrolyte and ultimately, in failure of the battery.
- Charging a hot battery (above 35°C/95°F) results in reduced discharge capacity, affecting the performance of the radio. Motorola rapid-rate battery chargers contain a temperature-sensing circuit to ensure that the battery is charged within these temperature limits.
- New batteries can be stored up to two years without significant cycle loss. Store new/unused batteries in a cool dry area.
- Batteries which have been in storage should be charged overnight.
- Do not return fully charged batteries to the charger for an “extra boost”. This action will **significantly** reduce battery life.
- Do not leave your radio and battery in the charger when not charging. Continuous charging will shorten battery life. (Do not use your charger as a radio stand.)
- For optimum battery life and operation use only Motorola brand chargers. They were designed to operate as an integrated energy system.

Recycling or Disposal of Batteries

At the end of its useful life, the NiCd battery can be recycled. However, recycling facilities may not be available in all areas.

Motorola endorses and encourages the recycling of all re-chargeable batteries. Contact your dealer for further information.

Charging the Battery

If a battery is new, or its charge level is very low, you will need to charge the battery before you can use it in your radio.

The icon flashes when the battery is flat and the hardware error tone will sound. This icon will only appear when a genuine Motorola battery is used.

Note: Batteries are shipped uncharged from the factory. New batteries could prematurely indicate full charge, charge a new battery for **14-16 hrs** before initial use.

Charger LED	Status
Red	Battery is charging
Green	Battery is fully charged
Flashing Red *	Battery is unchargeable
Flashing Yellow	Charger is getting ready to charge
Flashing Green	Battery is 90% charged

* Battery is damaged. Please contact your dealer.

1. Place the radio with the battery attached, or the battery alone, in the charger.
2. The charger's LED indicates the charging progress.

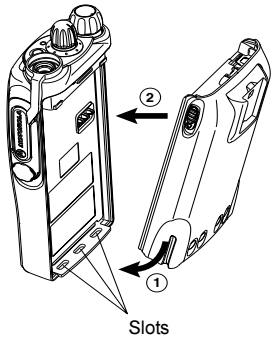
Battery chargers will charge only the Motorola authorized batteries listed below; other batteries will not charge.

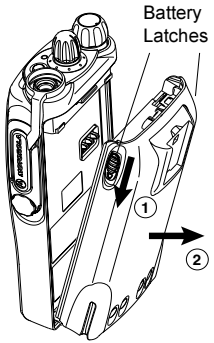
Part No.	Description
HNN9008	High-Capacity NiMH
HNN9009	Ultra-High-Capacity NiMH
HNN9010	Ultra-High-Capacity Factory Mutual NiMH
HNN9011	High-Capacity Factory Mutual NiCd
HNN9012	High-Capacity NiCd
HNN9013	Lithium-Ion

ACCESSORY INFORMATION

Attaching the Battery

1. Fit the extensions at the bottom of the battery into the slots at the bottom of the radio's body.
2. Press the top part of the battery towards the radio until you hear a click.





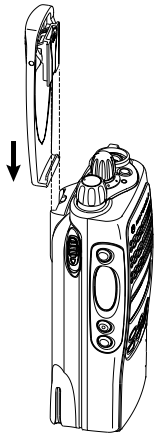
Removing the Battery

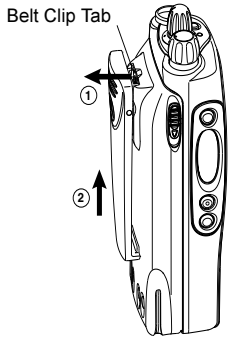
Ensure radio is switched off.

1. Slide the battery latches, on both sides of the battery, downwards.
2. Pull the top part of the battery away from the radio's body, and remove the battery.

Attaching the Belt Clip

1. Align the grooves of the belt clip with those of the battery.
2. Press the belt clip downwards until a click is heard.





Removing the Belt Clip

1. Use a key to press the belt clip tab away from the battery.
2. Slide the belt clip upwards to remove it.

NOTES

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control

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